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Inducing immune responses in mammals, by administering an immunogen bound to an inert particle

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WO 9945904	A1	19990916	WO 99US5128	A	19990309	199946 B
AU 9929930	A	19990927	AU 9929930	A	19990309	200006
NO 200004523	A	20001103	WO 99US5128	A	19990309	200065
			NO 20004523	A	20000911	
EP 1061903	A1	20001227	EP 99911241	A	19990309	200102
			WO 99US5128	A	19990309	

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Abstract (Basic): WO 9945904 A1

NOVELTY - A novel method of inducing an immune response in a mammal comprises administering a microsphere containing an immunogen bound to an inert particle to a small intestine of the mammal, the inert particle having a mesh size of at least 35.

ACTIVITY - Anticancer.

MECHANISM OF ACTION - Vaccine.

USE - The method can induce an immune response such as enhanced production of TH1 cells, TH2 cells and cytotoxic T lymphocyte (CTL) subsets, or a selective enhanced shift from a TH2 type response to a TH1 type response, or an enhanced shift from a TH1 type response to a TH2 type response, or an enhanced differentiation of pre-CTL to CTL. The method can be used for the delivery of an immunogen such as a peptide. The immunogens can be used to produce a therapeutic or prophylactic response. The method is useful for alleviating cancer.

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